

## ABSTRACT

There is provided a system and method for providing a payment service including processing a payment service request having independent identification information and a pair of ATM network compatible PINs, including validating the independent identification information and generating an ATM network transaction message containing at least a selected one of the pair of ATM network compatible PINs based at least in part on said validating step; and forwarding the ATM network transaction message to a financial institution over an ATM network for payment. The system and method may also include providing a data storage device for interacting with a network access device where the data storage device has the pair of ATM network compatible PINs stored thereon; and each one of the pair of ATM network compatible PINs is independently encrypted and different from one another. The system and method of the present invention may further provide for generating the payment service request including the pair of ATM network compatible PINs and independent identification information.